

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-21 (Canceled):

Claim 22 (New): An air cleaning device comprising:

a bulb-shaped casing provided at one end with a fed portion configured to be attached to a feed portion and connected to a commercial power source and at the other end with an outlet and with an illuminator socket;

an AC/DC converter accommodated in the casing for converting an alternating current from the fed portion into a direct current;

a boosting transformer accommodated in the casing for boosting voltage from the AC/DC converter; and

a negative ion generator projecting from a bottom in the outlet of the casing and connected to the boosting transformer for enabling application of high voltage from the boosting transformer to the negative ion generator to induce electrical discharge, generate negative ions, and release the negative ions from the outlet.

Claim 23 (New): The air cleaning device according to claim 22, wherein the bulb-shaped casing comprises a casing body having one end provided with the fed portion and the other end being an open end, and a lid having one end provided with the outlet and the other end at least one of fixed and detachably attached to the open end of the casing body.

Claim 24 (New): The air cleaning device according to claim 22, wherein the negative ion generator is a needle electrode having a distal end directed to a side of the outlet.

Claim 25 (New): The air cleaning device according to claim 22, wherein the DC/AC converter and the boosting transformer are made integral.

Claim 26 (New): The air cleaning device according to claim 22, wherein the bulb-shaped casing includes an illuminator at the other end.

Claim 27 (New): The air cleaning device according to claim 22, wherein the fed portion comprises a base configured to be attached to and detached from a socket.

Claim 28 (New): The air cleaning device according to claim 22, wherein the fed portion comprises a base having a pair of pins projecting from a peripheral surface in opposite directions.

Claim 29 (New): The air cleaning device according to claim 22, wherein the fed portion comprises a plug having a pair of at least one of blades and pins configured to be attached to and detached from an electrical receptacle.

Claim 30 (New): An air cleaning device comprising:  
a bulb-shaped casing provided at one end with an attached portion configured to be attached to an attaching portion and connected to a commercial power source and at the other end with an outlet and a detachable illuminator; and  
a negative ion generator accommodated in the casing for inducing electrical discharge generating negative ions from the outlet.